

SECTION 2

Transportation

GOALS, OBJECTIVES, and POLICIES

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GOAL T1

The City of Deltona shall develop programs to ensure that current and future land uses are served by adequate transportation and multi-modal system options. 9J-5.019(4)(a)

OBJECTIVE T1-1

The City of Deltona shall continue to coordinate with the Florida Department of Transportation, Volusia County, VOTRAN, and other governmental and transportation entities to implement programs as appropriate, with the intent of providing a safe, convenient, and efficient, multi-modal transportation system. 9J-5.019(4)(b)(1)

Policy T1-1.1

The City of Deltona shall maintain land use regulations designed to protect existing and future rights-of-way necessary for transportation system improvements. 9J-5.019(4)(c)(4,5)

Policy T1-1.2

The City of Deltona shall coordinate and cooperate with the FDOT and Volusia County to manage access to the State and County transportation system in order to facilitate efficient traffic flow and enhance State and County transportation system capacity. 9J-5.019(4)(c)(2)

Policy T1-1.3

The City of Deltona shall maintain a City-wide network of thoroughfare and related transportation system corridors. 9J-5.019(4)(c)(4)

Policy T1-1.4

The City of Deltona shall maintain land use regulations to facilitate safe and efficient transportation, which operates within the accepted levels of service as adopted by the City. 9J-5.019(4)(c)(5,7)

Policy T1-1.5

Where appropriate, the City of Deltona shall require applicants for new development proposals to dedicate the right-of-way necessary for future transportation system improvements at the time of development approval as determined in the City's land development regulations. 9J-5.019(4)(c)(4,5,9)

Policy T1-1.6

The City of Deltona shall coordinate major transportation system improvements with the Volusia County Metropolitan Planning Organization (MPO), Volusia County, VOTRAN, with appropriate local municipalities, and other applicable regional transportation entities. 9J-5.019(4)(c)(11)

Policy T1-1.7

The City of Deltona shall provide incentives which encourage compact, energy efficient urban development, in appropriate places, through coordination with the Future Land Use Element. 9J-5.019(4)(c)(7,9,12)

Policy T1-1.8

The City of Deltona shall work cooperatively with the MPO, VOTRAN, etc. in their efforts at developing convenient, efficient and cost effective mass transit and other ride sharing programs to expand ridership throughout the City. 9J-5.019(4)(c)

Policy T1-1.9

The City of Deltona shall implement programs directed toward monitoring surface road conditions and maintain roadway conditions in an acceptable manner to facilitate, safe driving. 9J-5.019(4)(c)(7)

Policy T1-1.10

The City of Deltona shall coordinate with the MPO and other entities, as deemed appropriate, to further develop City-wide bicycle and pedestrian infrastructure through the Parks and Recreation Master Plan or other programs to accomplish the following transportation oriented initiatives:

- a. Expand, with the intent of establishing connections to commercial, institutional and recreational nodes, the multi-modal trail system within the City for bicycle and pedestrian use;
- b. Expand the City sidewalk system;
- c. Promote the use of existing and future pedestrian and bicycle infrastructure by disseminating information to the public concerning the City pedestrian and bicycle system.

Policy T1-1.11

The City of Deltona shall maintain and implement land development regulations for the safe and efficient movement of pedestrians with all new development proposals. 9J-5.019(4)(c)(5)

Policy T1-1.12

To promote safety, the City of Deltona shall review accident data for major arterial thoroughfares. Analysis of accident data shall be utilized to prioritize roadway improvements. 9J-5.019(4)(c)(7)

Policy T1-1.13

The City of Deltona shall implement the City of Deltona's, thoroughfare system to improve the existing conditions of automobile, transit, pedestrian and bicycle infrastructure.

Policy T1-1.14

The City of Deltona shall assess the existing sidewalk network to locate specific problem areas related to interconnectivity, obstructions, damaged sidewalks, lack of crosswalks, inappropriate widths, the need for handicap ramps and other improvements.

Policy T1-1.15

The City of Deltona shall periodically assess the condition of the City sidewalk system. The assessment will focus on the cost and establish a priority and time schedule for the appropriate, expansion, management and maintenance of the City sidewalk network.

Policy T1-1.16

Priority for the installation of new sidewalk infrastructure within the City will be for areas within a ½ mile radius of elementary schools and a two mile radius of middle and high schools.

OBJECTIVE T1-2

The City of Deltona shall provide for the separation of local traffic from through traffic to facilitate efficient and safe vehicular movement. 9J-5.019(4)(b)(1)

Policy T1-2.1

Traffic circulation shall be coordinated with the Future Land Use Element to ensure compatibility between land use and the transportation system. 9J-5.019(4)(c)(9)

Policy T1-2.2

Residential neighborhoods shall be protected to the greatest extent possible from the impacts of improvements to high volume transportation systems.
9J-5.019(4)(c)(9)

Policy T1-2.3

Where appropriate, frontage or rear access roads and cross access easements shall be required for development proposals, as determined by the City's land development regulations. 9J-5.019(4)(c)(9)

Policy T1-2.4

The City of Deltona should adopt a Five Year Road Program, to be reflected in the Capital Improvements Element that will provide the capacity necessary to ensure an appropriate level of mobility.

OBJECTIVE T1-3

The City of Deltona shall continue to coordinate with other local governments, the MPO, and other entities to provide a coordinated system of arterials, collectors, and local streets.
9J-5.019(4)(b)(3)

Policy T1-3.1

The City of Deltona Transportation Element shall be coordinated with the Future Land Use Element and all other applicable elements to ensure compatibility between land use and the transportation system necessary to support it. 9J-5.019(4)(c)(5,9&12)

T1-3.2

The City of Deltona shall maintain land use regulations which provide for the continued safe and efficient movement of local traffic, and maintain a transportation system which accommodates demand at an acceptable level of service. 9J-5.019(4)(c)

OBJECTIVE T1-4

The City of Deltona shall establish, achieve and maintain peak hour level of service standards on the transportation system. 9J-5.019(4)(b)(2)

Policy T1-4.1

The City of Deltona shall utilize the most recent highway capacity tables offered by the Florida Department of Transportation as a guide in the determination of local Transportation System Capacity with all future updates of the Transportation Element. The City may prepare a more detailed traffic capacity analysis if determined necessary. 9J-5.019(4)(c)(1)

Policy T1-4.2

The City shall maintain peak hour level of service standards for identified roadway segments within the City as presented on the LOS Roadway Segment Table.

Policy T1-4.3

Unless a thoroughfare is designated separately within the LOS Roadway Segment Table of this document for a level of service standard, the City of Deltona shall establish the following *PM* peak hour level of service standards:

<u>Functional Classification</u>	<u>Acceptable Standard</u>
<i>I-4</i>	As determined by FDOT
Arterial	E
Collector	E
Local	D

9J-5.019(4)(c)(1)

Policy T1-4.4

Roadway level of service thresholds shall be defined consistent with the FDOT Quality/Level of Service Handbook (A.K.A. Look up tables). 9J- 5.019(4)(c)(1)

Policy T1-4.5

All new educational facilities in Deltona should be accessible from at least two public streets, to reduce facility traffic impacts and to improve public safety. New private educational facilities shall be located on a collector or arterial roadway. New public educational facilities shall, to the maximum extent possible, be located on or directly accessible from a collector or arterial roadway.

Policy T1-4.6

The City of Deltona shall encourage, through their representation on the MPO, and support of regional transportation studies and related planning efforts, the funding for congested areas within Deltona to improve traffic operations. 9J-5.019(4)(c)(1,7,11)

Policy T1-4.7

The City of Deltona's Future Transportation Map may be eligible for improvements as provided for in the Transportation Impact Fee Ordinance. For those thoroughfares on the Future Transportation Map which are City maintained, eligibility for the use of City transportation impact fees shall be considered by the City Commission. 9J-5.019(4)(c)(1)

Policy T1-4.8

In the evaluation of proposed changes in land use, the existing design of the transportation system shall be considered in addition to its functional classification to evaluate the impacts of the land use change on the operation of the transportation system. 9J-5.019(4)(c)

Policy T1-4.9

The City of Deltona shall coordinate any changes in its adopted level of service standards with the FDOT, the MPO, Volusia County, and if applicable, other local municipalities and shall identify constrained facilities and appropriate mitigation strategies. 9J-5.019(4)(c)(11)

Policy T1-4.10

The City shall maintain a traffic de minimis report associated with the annual CIE update. The de minimis report provides information on City development/building activity. 9J-5.019(4)(c)(4,7)

Policy T1-4.11

The City of Deltona shall include all capacity related transportation system improvements which are funded for construction in the first three years of the Florida Department of Transportation Five Year Road Program, the Volusia County Capital Improvement program and those funded for construction in the first three years of the City of Deltona Capital Improvements Program, in the inventory of existing facilities and shall consider the planned capacity as existing for the purpose of determining concurrency. 9J-5.019(4)(c)(1,7,11)

Policy T1-4.12

The City shall coordinate with the MPO, FDOT and Volusia County to lower the level of service on the segment of SR 415 from Enterprise-Osteen Road to the County line from a LOS standard of C to a LOS standard of D.

OBJECTIVE T1-5

The City of Deltona shall consider the need for future traffic operation measures in the design of all major transportation system improvements. 9J-5.019(4)(b)(3)

Policy T1-5.1

The City shall continue to utilize Florida Standard Urban Transportation Model Structure (FSUTMS), MPO TIA guidelines as approved by the City, and the latest addition of the ITE Manual along with other applicable data to evaluate the City transportation system.

Policy T1-5.2

The City of Deltona shall establish an inventory of all signalized intersection dimensions for which it has responsibility. This information may be used to study the effectiveness of improved signal timing in the design of all major transportation system improvements. 9J-5.019(4)(c)(7)

Policy T1-5.3

The City of Deltona shall study and undertake feasible intersection improvements as an interim solution to existing transportation system deficiencies. 9J-5.019(4)(c)(1,7)

Policy T1-5.4

The City of Deltona shall coordinate with the MPO VOTRAN, Volusia County, FDOT, and other transportation oriented entities to ensure that the provision of mass transit is considered in lieu of or as part of major highway construction projects. 9J-5.019(4)(c)(8,9,10,11&12)

Policy T1-5.5

The timing of intersection signalization and related intelligent transportation systems shall be investigated by the City to appropriately manage traffic.

OBJECTIVE T1-6

The City of Deltona shall coordinate traffic circulation improvements with both the Conservation and Future Land Use Elements and thereby direct development of the transportation system to areas that are consistent with the Conservation and Future Land Use Elements of the Comprehensive Plan and the City's minimum environmental standards. 9J-5.019(4)(b)(2)

Policy T1-6.1

The City of Deltona shall seek to avoid and if necessary mitigate the potential environmental impacts of major transportation system improvements. 9J-5.019(4)(c)(4)

Policy T1-6.2

The City of Deltona shall coordinate its transportation system with the Conservation Element of the City of Deltona to ensure that environmentally sensitive areas are protected from the impacts of the transportation system. 9J-5.019(4)(c)4)

Policy T1-6.3

The City shall utilize the following transportation strategies to address green house gas emission reduction:

- a. Coordinate transportation improvements to support existing/planned development nodes and mixed use development formats with the intent of reducing VMT and furthering compact urban development patterns;
- b. Continue to further develop the City's sidewalk system to provide safe and effective pedestrian access to schools, parks, commercial areas, etc;
- c. Continue to expand and establish non-automotive links to the multi-use trail system within the City;
- d. Maintain a viable and expanding bus service area within the City by continuing/implementing compact urban development activities, coordinating with VOTRAN, LYNX, or other providers to ensure appropriate funding, etc.;
- e. Expanding and maintaining park and ride type facilities to foster car pooling activities;
- f. Active participation including engaging in partnership oriented funding, securing of grants, etc. regarding the phased development of a multi-modal transportation center located along the I-4 corridor;
- g. Continue to support commuter rail along the existing CSX railroad;
- h. Prepare and plan for the I-4 envelope to be used for mass transit such as high speed rail, light rail, etc. through appropriate land use allocation, land development reviews and other techniques as deemed appropriate;
- i. Consider parts or the entire City a TCEA, consistent with State law to further compact urban growth objectives.

OBJECTIVE T1-7

The City of Deltona shall coordinate with the transportation and related plans and programs of the MPO, the FDOT, the ECFRPC, the St. Johns River Water Management District (SJRWMD), the U.S. Army Corps of Engineers, the Federal Aviation Administration, VOTRAN, Volusia County, local municipalities and all other affected agencies. 9J-5.019(4)(b)(3)

Policy T1-7.1

The City of Deltona shall coordinate transportation plans and studies with the MPO, local municipalities, Volusia County and the FDOT in the development of its Five Year Road Programs. 9J-5.019(4)(c)(1,7,11)

Policy T1-7.2

The City of Deltona shall continue to involve the citizens and those affected agencies in the development and implementation of its Five Year Road Programs. 9J-5.019(4)(c)(1,7,11)

Policy T1-7.3

The City of Deltona shall coordinate with the MPO, the FDOT, Volusia County, other regional and Federal agencies, local municipalities and affected departments in the City for comments on all major transportation system improvements. 9J-5.019(4)(c)(11)

Policy T1-7.4

The City of Deltona shall work with FDOT, Volusia County, VOTRAN, and other applicable entities to identify strategies in which it can achieve a more balanced multi - modal system to help meet the City's transportation needs.

Policy T1-7.5

The City of Deltona shall encourage VOTRAN to analyze the existing local transit route system for connection opportunities to the larger, regional system that is convenient to Deltona's residents and will result in greater opportunities for use of public transit for local and regional trips.

Policy T1-7.6

The City of Deltona shall coordinate with Volusia County, VOTRAN, and other appropriate entities to ensure a convenient connection between the City and the commuter rail system planned for the existing CSX rail lines located west of the City.

Policy T1-7.7

Regarding the use of the I-4 envelop for high speed rail or other mass transit initiatives, the City shall encourage a station/stop within the City to make any facility directly accessible to area residents. Such a facility could be integrated with the City's proposed multi-modal center referenced elsewhere in this Plan.

OBJECTIVE T1-8

The City of Deltona shall coordinate with and assist the Volusia County Metropolitan Planning Organization (MPO), the Volusia County Council, the Florida Department of Transportation, and other transit related agencies in their efforts to provide efficient and cost effective multi – modal services within the City. 9J-5.019(4)(b)(4)

Policy T1-8.1

Deltona shall continue to coordinate with the Volusia County MPO, Volusia Transit Authority (VOTRAN), the Florida Department of Transportation, and other entities to explore meaningful ways of ensuring efficient mass transit availability to residents of Deltona, including but not limited to lower headways in peak hours, implementation of transportation demand management measures, route evaluations and potential reorganization based on performance measures, etc. 9J-5.019(4)(c)(6,8,9,10,11,12&13)

Policy T1-8.2

The City of Deltona shall coordinate with the Volusia County MPO, VOTRAN and other entities as deemed appropriate to explore meaningful ways to ensure the transportation disadvantaged population is adequately served by transit. These may include implementation of service standards, reevaluation of routing based on demographic and land use information, implementation of special transit services, etc. 9J-5.019(4)(c)(9)

Policy T1-8.3

Where appropriate, City transportation projects, new or expanded, shall include: bicycle facilities, sidewalks, parking bays for buses, and passenger shelters for both public and private bus or ride sharing programs. 9J-5.019(4)(c)(9)

Policy T1-8.4

The City of Deltona, which is not a service provider of transit services, shall cooperate with VOTRAN and other entities to ensure that applicable mass transit is funded and levels of service are maintained or improved. 9J-5.019(4)(c)(9)

Policy T1-8.5

The City of Deltona shall encourage the phased development of a multi-modal center within the City that would be associated with the I-4 corridor.

OBJECTIVE T1-9

The City shall evaluate all other concurrency alternatives as defined in all applicable Florida Growth Management law and rules to encourage mixed use development formats, infill development and redevelopment resulting in more sustainable development patterns.

Policy T1-9.1

The City may consider, as a Dense Urban Land Area, an adoption of a mobility plan to recognize Traffic Concurrency Exception Areas where deemed appropriate.

Policy T1-9.2

TCEA areas would exempt from traffic concurrency requirements a proposed development that is otherwise consistent with the adopted City Comprehensive Plan and represents a project that promotes public transportation or is located within an appropriate urban area as designated in the Comprehensive Plan.

Policy T1-9.3

In order to promote infill development and redevelopment, one or more transportation concurrency management areas may be designated by the City. A transportation concurrency management area must be a compact geographic area with an existing network of roads where multiple, viable alternative travel paths or modes are available for common trips. The City may establish an area-wide level-of-service standard for such a transportation concurrency management area based upon an analysis that provides for a justification for the area-wide level of service, how urban infill development or redevelopment will be promoted, and how mobility will be funded and accomplished within the transportation concurrency management area.

Policy T1-9.4

The City may allow a landowner to proceed with development of a specific parcel of land, notwithstanding a failure of the development to satisfy transportation concurrency, when all the following factors are shown to exist:

- (a) The City has adopted a local comprehensive plan that is in compliance.
- (b) The proposed development would be consistent with the future land use designation for the specific property and with pertinent portions of the adopted plan, as determined by the City.
- (c) The local plan includes a financially feasible Capital Improvements Element that provides for transportation facilities adequate to serve the proposed development.
- (d) There is a means by which the landowner will be assessed appropriate cost of providing the transportation facilities necessary to serve the proposed development.
- (e) The landowner has made a binding commitment to pay a cost of providing the transportation facilities to serve the proposed development.

Rule 9J-5.0055(8), F.A.C.